



PC10315 Sequence Listing.ST25.txt  
SEQUENCE LISTING

TECH CENTER 1600/2900

APR 08 2002

RECEIVED

<110> Pfizer  
Fidock, Mark David

<120> Enzyme PDE xiv

<130> PC10315AGPR

<160> 26

<170> PatentIn version 3.1

<210> 1

<211> 446

<212> PRT

<213> Mouse

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Arg Gly Gln Thr Gly Val Pro Ala Glu Arg Arg Gly Ser Tyr Pro Phe  
35 40 45

Ile Asp Phe Arg Leu Leu Asn Asn Thr Thr His Ser Gly Glu Ile Gly  
50 55 60

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His  
65 70 75 80

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu  
85 90 95

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val  
100 105 110

Gly Thr Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly  
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115

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Ser His Gly Leu  
130 135 140

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val  
145 150 155 160

Met Val Gln Glu Asp Tyr His Gly His Asn Pro Tyr His Asn Ala Val  
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro  
180 185 190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu  
195 200 205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe  
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser  
225 230 235 240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu  
245 250 255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gln Asp Ile Glu  
260 265 270

Gln Gln Leu Gly Ser Leu Ile Leu Ala Thr Asp Ile Asn Arg Gln Asn  
275 280 285

Glu Phe Leu Thr Arg Leu Lys Ala His Leu His Asn Lys Asp Leu Arg  
290 295 300

Leu Glu Asn Val Gln Asp Arg His Phe Met Leu Gln Ile Ala Leu Lys  
305 310 315 320

Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln  
325 330 335

Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Asp Leu Glu  
340 345 350

Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp  
355 360 365

Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Thr Tyr Ile Val Glu Pro  
370 375 380

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Leu Phe Arg Glu Trp Ala Arg Phe Thr Gly Asn Ser Thr Leu Ser Glu  
385 390 395 400

Asn Met Leu Ser His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu  
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<212> DNA

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Arg Gly Gln Thr Gly Val Arg Ala Glu Arg Arg Gly Ser Tyr Pro Phe  
35 40 45

Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly  
50 55 60

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His  
65 70 75 80

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu  
85 90 95

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val  
100 105 110

Gly Met Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly  
115 120 125

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Thr His Gly Leu  
130 135 140

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val  
145 150 155 160

Met Val Gln Glu Asp Tyr His Ser Gln Asn Pro Tyr His Asn Ala Val  
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro  
180 185 190

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Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu  
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Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe  
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser  
225 230 235 240

Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu  
245 250 255

Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gly Thr Trp Asp  
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Arg Gly Gln Thr Gly Val Arg Ala Glu Arg Arg Gly Ser Tyr Pro Phe  
35 40 45

Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly  
50 55 60

Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His  
65 70 75 80

Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu  
85 90 95

Leu Asp Glu Asp Tyr Leu Gly Gln Ala Arg His Met Leu Ser Lys Val  
100 105 110

B Gly Met Trp Asp Phe Asp Ile Phe Leu Phe Asp Arg Leu Thr Asn Gly  
115 120 125

Asn Ser Leu Val Thr Leu Leu Cys His Leu Phe Asn Thr His Gly Leu  
130 135 140

Ile His His Phe Lys Leu Asp Met Val Thr Leu His Arg Phe Leu Val  
145 150 155 160

Met Val Gln Glu Asp Tyr His Ser Gln Asn Pro Tyr His Asn Ala Val  
165 170 175

His Ala Ala Asp Val Thr Gln Ala Met His Cys Tyr Leu Lys Glu Pro  
180 185 190

Lys Leu Ala Ser Phe Leu Thr Pro Leu Asp Ile Met Leu Gly Leu Leu  
195 200 205

Ala Ala Ala Ala His Asp Val Asp His Pro Gly Val Asn Gln Pro Phe  
210 215 220

Leu Ile Lys Thr Asn His His Leu Ala Asn Leu Tyr Gln Asn Met Ser  
225 230 235 240

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Val Leu Glu Asn His His Trp Arg Ser Thr Ile Gly Met Leu Arg Glu  
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Ser Arg Leu Leu Ala His Leu Pro Lys Glu Met Thr Gln Asp Ile Glu  
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Gln Gln Leu Gly Ser Leu Ile Leu Ala Thr Asp Ile Asn Arg Gln Asn  
275 280 285

Glu Phe Leu Thr Arg Leu Lys Ala His Leu His Asn Lys Asp Leu Arg  
290 295 300

Leu Glu Asp Ala Gln Asp Arg His Phe Met Leu Gln Ile Ala Leu Lys  
305 310 315 320

Cys Ala Asp Ile Cys Asn Pro Cys Arg Ile Trp Glu Met Ser Lys Gln  
325 330 335

Trp Ser Glu Arg Val Cys Glu Glu Phe Tyr Arg Gln Gly Glu Leu Glu  
340 345 350

Gln Lys Phe Glu Leu Glu Ile Ser Pro Leu Cys Asn Gln Gln Lys Asp  
355 360 365

Ser Ile Pro Ser Ile Gln Ile Gly Phe Met Ser Tyr Ile Val Glu Pro  
370 375 380

Leu Phe Arg Glu Trp Ala His Phe Thr Gly Asn Ser Thr Leu Ser Glu  
385 390 395 400

Asn Met Leu Gly His Leu Ala His Asn Lys Ala Gln Trp Lys Ser Leu  
405 410 415

Leu Pro Arg Gln His Arg Ser Arg Gly Ser Ser Gly Ser Gly Pro Asp  
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<212> DNA

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<212> DNA

<213> Mouse

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PC10315 Sequence Listing.ST25.txt

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His Cys Tyr Leu Lys Glu Pro Lys Leu Ala Ser Phe Leu Thr Pro Leu  
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Asp Ile Met Leu Gly Leu Leu Ala Ala Ala Ala His Asp Val Asp His  
35 40 45

Pro Gly Val Asn Gln Pro Phe Leu Ile Lys Thr Asn His His Leu Ala  
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Asn Leu Tyr Gln Asn Met Ser Val Leu Glu Asn His His Trp Arg Ser  
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Thr Ile Gly Met Leu Arg Glu Ser Arg Leu Leu Ala His Leu Pro Lys  
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PC10315 Sequence Listing.ST25.txt

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